

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 49   | ("4178188" "4401131" "4501285" "4543130" "4633893" "4778532" "4804007" "4856544" "4899767" "4911761" "4917123" "4979994" "4984597" "4998549" "5037208" "5037481" "5148823" "5203798" "5247954" "5279316" "5286657" "5333628" "5339842" "5365960").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2005/10/31 13:29 |
| L2    | 19   | ("4082565"   "4475259"   "4652106"   "4728368"   "4806277"   "4854337"   "4902350"   "5017236"   "5038808"   "5090430").PN. OR ("5203798").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ              | ON      | 2005/10/31 14:00 |
| L3    | 1    | "6799588".pn.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ              | ON      | 2005/10/31 14:01 |
| L4    | 23   | ("3650042"   "4282825"   "4458703"   "4475259"   "4557785"   "4589926"   "4722355"   "4724856"   "5007445"   "5203798"   "5333628"   "5335681"   "5503171"   "5766685"   "5836325"   "6058950"   "6077359"   "6247481"   "6412500"   "6423149"   "6506260"   "6530385"   "6621377").PN. OR ("6799588").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ              | ON      | 2005/10/31 14:10 |
| L5    | 1    | "6799588"  | DERWENT   | ADJ              | ON      | 2005/10/31 14:10 |

DERWENT-ACC-NO: 2002-061687

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TITLE: Substrate treatment device has each substrate  
fed through treatment fluid in process container  
provided with variable overflow opening

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PATENT-ASSIGNEE: STEAG MICROTECH GMBH[STGG] , IMEC[IMECN],  
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PRIORITY-DATA: 1999DE-1034300 (July 21, 1999)

PATENT-FAMILY:

| PUB-NO               | PUB-DATE          | LANGUAGE |
|----------------------|-------------------|----------|
| PAGES MAIN-IPC       |                   |          |
| US <u>6799588</u> B1 | October 5, 2004   | N/A      |
| 000 B08B 003/04      |                   |          |
| WO 200108200 A1      | February 1, 2001  | G        |
| 021 H01L 021/00      |                   |          |
| DE 19934300 A1       | April 5, 2001     | N/A      |
| 000 H01L 021/306     |                   |          |
| DE 19934300 C2       | February 7, 2002  | N/A      |
| 000 H01L 021/306     |                   |          |
| EP 1208586 A1        | May 29, 2002      | G        |
| 000 H01L 021/00      |                   |          |
| KR 2002063157 A      | August 1, 2002    | N/A      |
| 000 H01L 021/00      |                   |          |
| TW 487960 A          | May 21, 2002      | N/A      |
| 000 H01L 021/02      |                   |          |
| JP 2003505881 W      | February 12, 2003 | N/A      |
| 022 H01L 021/304     |                   |          |

DESIGNATED-STATES: JP KR SG US AT BE CH CY DE DK ES FI FR GB GR IE IT  
LU MC NL  
PT SE AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

APPLICATION-DATA:

| PUB-NO       | APPL-DESCRIPTOR | APPL-NO        |
|--------------|-----------------|----------------|
| APPL-DATE    |                 |                |
| US 6799588B1 | N/A             | 2000WO-EP06716 |

|                  |          |                |
|------------------|----------|----------------|
| July 14, 2000    |          |                |
| US 6799588B1     | N/A      | 2002US-0031923 |
| April 17, 2002   |          |                |
| US 6799588B1     | Based on | WO 200108200   |
| N/A              |          |                |
| WO 200108200A1   | N/A      | 2000WO-EP06716 |
| July 14, 2000    |          |                |
| DE 19934300A1    | N/A      | 1999DE-1034300 |
| July 21, 1999    |          |                |
| DE 19934300C2    | N/A      | 1999DE-1034300 |
| July 21, 1999    |          |                |
| EP 1208586A1     | N/A      | 2000EP-0954498 |
| July 14, 2000    |          |                |
| EP 1208586A1     | N/A      | 2000WO-EP06716 |
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| EP 1208586A1     | Based on | WO 200108200   |
| N/A              |          |                |
| KR2002063157A    | N/A      | 2002KR-0700862 |
| January 21, 2002 |          |                |
| TW 487960A       | N/A      | 2000TW-0114474 |
| August 31, 2000  |          |                |
| JP2003505881W    | N/A      | 2000WO-EP06716 |
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| JP2003505881W    | N/A      | 2001JP-0512620 |
| July 14, 2000    |          |                |
| JP2003505881W    | Based on | WO 200108200   |
| N/A              |          |                |

INT-CL (IPC): B08B003/04, B08B003/12 , H01L021/00 , H01L021/02 ,  
H01L021/304 , H01L021/306

ABSTRACTED-PUB-NO: WO 200108200A

#### BASIC-ABSTRACT:

NOVELTY - The substrate treatment device has a process container (8) within a gas atmosphere, holding a treatment fluid (20) through which each substrate (3) is passed, between aligned entry and outlet openings (15,16) of the container, positioned below the surface of the treatment fluid, maintained at a given height via a variable overflow opening (17) leading to an overflow container (42).

USE - The device is used for treating the surface of a substrate, e.g. a

semiconductor wafer.

ADVANTAGE - The overflow allows the treatment fluid within the process container to be maintained at a given level.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic cross-section through a substrate treatment device.

Substrate 3

Process container 8

Entry and outlet openings of process container 15,16

Overflow opening 17

Treatment fluid 20

Overflow container 42

CHOSEN-DRAWING: Dwg.1/2

TITLE-TERMS: SUBSTRATE TREAT DEVICE SUBSTRATE FEED THROUGH TREAT FLUID PROCESS

CONTAINER VARIABLE OVERFLOW OPEN

DERWENT-CLASS: P43 U11

EPI-CODES: U11-C09X;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2002-045794